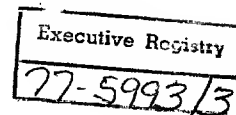




Washington, D.C. 20505

12 December 1977



PA  
7 Dec

Dear Dino,

Thank you very much for your fine memorandum for the record on your recent stellar performance in Jefferson City, Missouri. I have furnished copies of your memo both to the Office of Training as well as to the Assistant to the DCI for Public Affairs so they may give some consideration to your suggestions.

John F. Blake  
Acting Deputy Director

EXECUTIVE REGISTRY

Public Affairs

ADDCI:JFBlake:kmg (12 Dec 77)

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Ref: MFR dtd 7 Dec 77 fr Chief, Warsaw Pact Forces Division, IEG/NPIC,  
subj: Presentation to Missouri Limestone Producers Association and to  
Jefferson City, Mo High School Students

7 December 1977

## MEMORANDUM FOR THE RECORD

SUBJECT: Presentation to Missouri Limestone Producers Association and to Jefferson City, Mo High School Students

Background: On October 7, 1977, Mr. N. A. McDonald, Executive Manager, Missouri Limestone Producers Association, requested permission from the DCI for me to speak to their 33rd Annual Meeting on December 1, 1977 at Osage Beach, Mo., and to Jefferson City, Mo. high school students on December 2. Mr. Blake approved the request.

Presentations:

- 1 - At 3 p.m., December 1, at the Tan-Tar-A resort at Osage Beach, Missouri, I addressed about 400 members of the Missouri Limestone Producers Association on "The Evolution of Aerial Photography with Special Emphasis on the Cuban Missile Crisis."
- 2 - On December 2, at 8:30 a.m., I gave the same presentation to about 400 senior and junior students at the Helias High School in Jefferson City, Mo.
- 3 - At 2:30 p.m., on December 2, I addressed a special assembly of about 500 history and international relation students at the Jefferson City High School.

Press, Public and Media Reactions:

- 1 - On December 1, my host, Mr. Adolph Adrian of the Missouri Limestone Producers Association, said that the publisher of the Jefferson City News Tribune, Mr. Robert D. Blosser, wanted to meet me and that he was assigning one of his best reporters, Mr. Bob Baysinger, to do an article on my presentation. I met with both these gentlemen, and later with Mr. Baysinger, for about an hour. Mr. Baysinger was invited to my presentation at Osage Beach. He accepted and took copious notes. The resulting favorable article in the News Tribune is Attachment 1.
- 2 - My address was accorded much advance publicity by the Missouri Limestone Producers Association, emphasizing that it was "a first." (See Attachments 2 and 3) The reception I received can only be described as very salutary toward the Agency. As I unveiled the history of aerial reconnaissance, there was a

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SUBJECT: Presentation to Missouri Limestone Producers Association and  
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rapt attention that I've seldom encountered. The presentation lasted for 1 1/2 hours and an additional 30 minutes was allotted for questions. After the address, at least 200 members came forward and complimented me. There was a strong consensus that the Agency should offer more of this type of presentation and a number of admonitions that "You people should be allowed to tell your side of the story just as you have here." Several members said they were going to write personal letters asking that the Directorship of the Missouri Limestone Producers Association thank the DCI for making the presentation available. Although there were questions about satellite photography which I evaded, there were no hostile questions or any attempt to embarrass me.

- 4 - I met with the Principal, Mr. James Rachers, Brother Roland Pepperling and Sister Mary Ann Fisher, both before and after my presentation at Helias High School. Again, there was rapt attention as I showed movies of the U-2 and unfolded the story of the Cuban Missile Crisis with vugraphs. The question and answer periods extended beyond the allocated 1-hour class period, and I was given a standing ovation at the conclusion. At lunch, Sister Mary Ann said that she might conduct a little experiment with her history students to see if my presentation had changed any opinions about the CIA.

While I was addressing the Helias students, a TV crew from station KRCG was filming the presentation and, afterward, I was interviewed by Mr. Charles "Chuck" Teegarden, the leading newscaster for the station. That evening an approximate 10-minute news segment, which was favorable to the Agency and followed the general tenor of the newspaper article, was telecast. The TV segment was particularly effective in that it captured the gist of my presentation, the photography itself, and the immediate effect on the audience.

Mr. Marion Fleming, the principal, along with all the history and international affairs teachers and their classes (approximately 500 people) attended the presentation at Jefferson City High School. Again, there was rapt attention and great interest in the presentation. One of the teachers who had been a photo interpreter for the U.S. Army in Vietnam, said that he had often tried to explain to his students how photo interpretation was performed and that my address had given a new dimension to the students' perception. I understand that there will be a feature article in the high school newspaper on my presentation.

SUBJECT: Presentation to Missouri Limestone Producers Association and  
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I later learned that there was a student reporter from the University of Missouri School of Journalism in the Jefferson City High School audience. This might result in an article in a University publication.


Conclusion and Recommendations:

There is an almost unique fascination with aerial photography, particularly among those who have not been exposed to it before, which is not being exploited sufficiently by the Agency. The public marvels at the almost limitless wealth of information that can be derived from the photography in almost any discipline or subject. Their interest is easily stimulated when their innate intelligence is piqued, and because they can relate. Both young and old are intrigued. The high school and college students have a particular interest in its scientific applications while the older people have an insatiable historical interest. The general public is impressed by the technical aspects of photo acquisition and exploitation, as opposed to the traditional espionage or "dirty tricks" image of human intelligence collection. One student said that photo interpretation to him was "clean."

The signal fact evident in all of these presentations is that there is a widespread demand for more. It is also plainly evident that the Agency could do much more in fostering a better public image through these presentations. There obviously is a large segment of the American public that supports the Agency and is very receptive to this type of "inside" information about the Agency and how it functions.

I recommend that the Agency consider establishing a regular program for this type of presentation and that it possibly be expanded to include other topics or functions which could be declassified and made public.

STAT

  
DINO A. BRUGIONI  
Chief, Warsaw Pact Forces Division  
IEG/NPIC

Attachments:  
As stated

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# Aerial spying detailed by former city resident

Jefferson City has produced its share of successful people in the last 50 years, but none of the group knows as much as Dino Brugioni.

Brugioni (pronounced Brewsh-oni) probably isn't any smarter than some of the rest. However, the 1939 graduate of Jefferson City High School is privileged to a host of inside information because he is a senior official and an aerial reconnaissance expert with the Central Intelligence Agency.

Brugioni returned home last week to discuss some of the non-classified details of his work with students at both local high schools and to make a presentation at the Missouri Limestone Producers Association convention at the Lake of the Ozarks.

Born at Bevier in Macon County in 1921, Brugioni was just one of the thousands from Central Missouri who was called to fight during World War II. By the war's end, he had flown 66 bombardment missions and more than 100 reconnaissance missions over North Africa, Italy, France, Germany and Yugoslavia.

It made him a natural for the new governmental agency which began forming in 1947 — the CIA.

While in Jefferson City, Brugioni detailed for

students the development of aerial intelligence photography by the CIA, its importance and the role it played during the Cuban Missile Crisis in 1962.

Everybody sat back and thought the world would return to peace after the war ended. But when the Russians exploded a nuclear bomb in 1949 and followed up with a thermonuclear explosion in 1953, U.S. officials were shocked back into reality, he said.

Brugioni said the need for knowing what and how much the Russians had and where it was located became even more important when the U.S. learned that the Russians had developed a plane capable of delivering these nuclear bombs to the U.S. mainland.

This is when a team of reconnaissance experts, including Brugioni, was formed to develop the U-2 operation.

They immediately faced some problems. Reconnaissance photography had played an important role during World War II, but it was not a specialized art. It consisted of inserting cameras in place of guns on fighter planes and in the place of bomb bays on the bombers.

Now, however, the need was for something more sophisticated. Instead of flying over battlefields and cities at relatively low altitudes in wartime, the CIA needed a plane that could fly extremely high for long periods (up to 12 hours) over the Soviet Union. The film created a problem, too, because the celluloid backing on the film would freeze and crack at higher altitudes.

Brugioni and the others turned to U.S. technology to solve the problem.

A new thin-based plastic film was developed. It permitted up to 6,000 feet of film to be wound on a spool. A new "panoramic camera" was developed along with a new computer-ground lens which produced photographs with five times more detail.

But they still needed something to carry the new film and cameras aloft. So they asked for and got a plane which would carry a man and the equipment at 70,000 feet for 10 to 12 hours.

Brugioni impressed students with an example of how much he could learn about Jefferson City and Central Missouri by flying at an altitude of 14 miles and taking photographs.

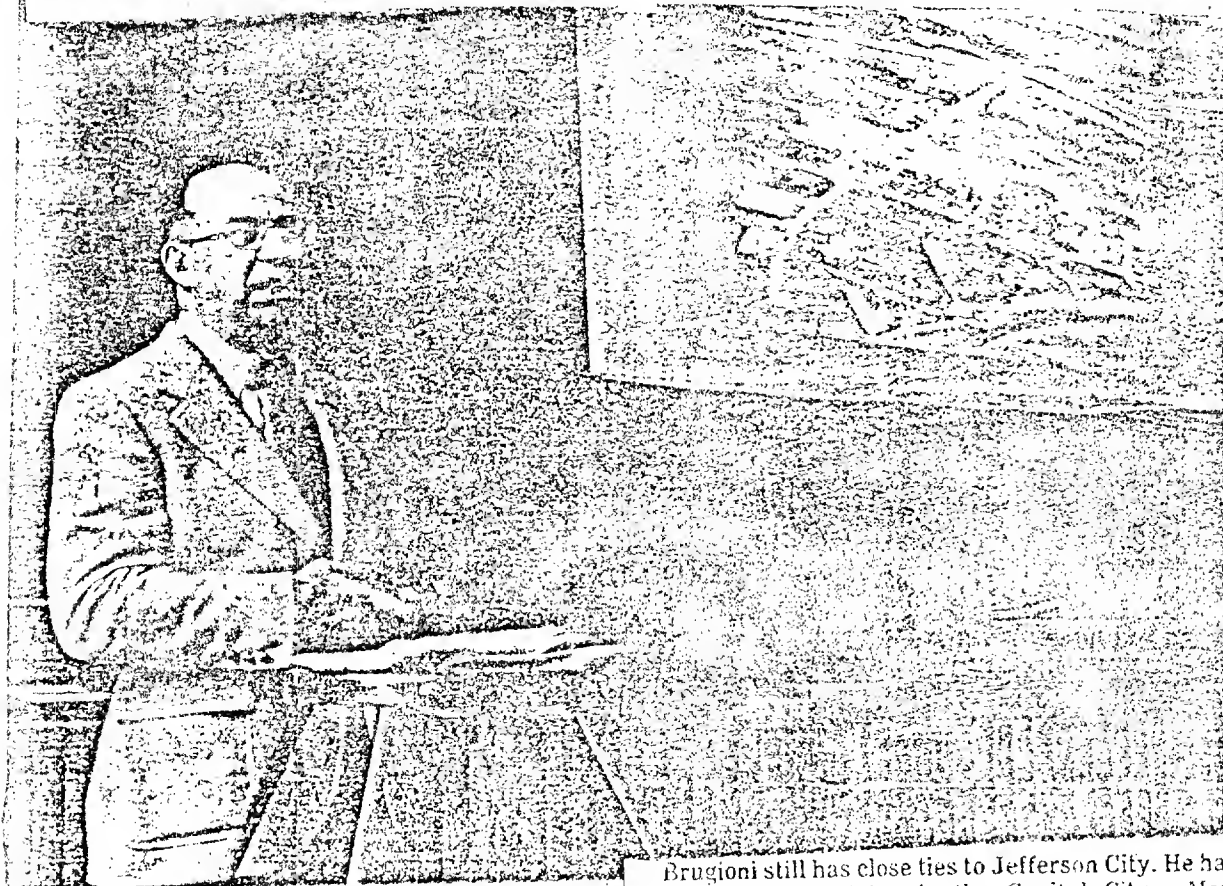
He said a U-2 flight from Washington, D.C. to Phoenix, Ariz., would photograph everything in a 300-mile-wide swath through Missouri from north of Macon southward to Springfield. Brugioni said he could look at the photo and identify every object on the ground that was at least three feet wide.

It would be easy, he said, to tell that Jefferson City was an administrative center because of the Capitol and office buildings.

But he could also pick out the factories by following railroad spurs leading to big buildings; the prisons by picking out the walls and guard towers; the fact that Missourians eat beef,

Dino Brugioni, whose job is a senior official and an aerial reconnaissance expert with the Central Intelligence Agency, is seen here with the Central Intelligence Agency. Approved For Release 2004/03/16 : CIA-RDP80M00165A002500040020-2

Friday on aerial intelligence photography by the United States. Brugioni is a native of Jefferson City, Mo., and he helped to help formulate the nation's aerial reconnaissance program. (News and Tribune staff photo)



pork, poultry, grain and drink milk by examining the farms; the prosperity of the community by looking for new construction; the approximate population (within 10 percent) by counting the houses and applying a formula; the city's energy sources; and many other factors important to the enemy. He said he could even tell how many people had died in a given period of time by counting the new graves on comparative photographs.

Brugioni told the limestone producers that he could call in a CIA geologist to analyze the photographs and tell what kind of and how much stone was in each pile at the quarry.

"We don't do this with Jefferson City, but we do it with the 'Jefferson Cities in Russia,'" Brugioni said. "We analyze them just that fine."

Brugioni showed photographs taken by the CIA which probably has helped change the course of world history.

A U-2 photo of the Soviet space launching pad in the heart of Russia revealed in explicit detail that the communists were spending their money on developing "large booster rockets." Brugioni and others took the information to President Dwight D. Eisenhower. The U.S. soon began a crash space program which eventually led to putting a man on the Moon.

CIA photographs clearly showed that the Russians were shipping offensive missiles to Cuba in 1962. The photographs prompted the quarantine of Cuba and stopped installation of the weapons.

Brugioni said he thinks the Russians would have used the missiles which they had had the capability of striking as far away as Seattle, Wash. He said they would have been used to put pressure on the United States in exchange for certain agreements. "I think

Brugioni still has close ties to Jefferson City. He has two sisters still living in the Capital City — Mrs. Arlene Schwaller at 1035 Boonville Rd., and Mrs. Elia Martin at 217 Fulkerson St. And he maintains contact with Adolph Adrian, who was one of his mates on the old Jefferson City Red Birds baseball team.

And there are times he runs into friends from his days in high school and at Jefferson City Junior College, including Thornton Wilson, who is president of Boeing Aircraft.

Brugioni remembers that in 1939, he, representing students at the high school, and Wilson, representing the junior college student body, developed a close bond while preparing to appear before the City Council to air student views on the need for a new park. But the war came and many such friendships were broken by separation.

Brugioni never thought much about "T. Wilson" until one day several years ago he was called upon to brief the president of Boeing. Brugioni said he did a doubletake when Wilson walked into the room, especially after seeing Wilson's "hawk nose," which friends used to kid him about.

After a few questions to establish Wilson's identity, other high-ranking government and Boeing officials were left sitting while two old friends reminisced about their Jefferson City days.

Brugioni, whose job includes briefing presidents of the United States, says he owes a great deal to two of his former high school teachers — Mrs. Stella Heldman, who "drove" her students on good writing, and Perry Sanders, who advocated service to country and getting along with others. "I haven't forgotten some of the people in Jefferson City who gave him jobs when jobs weren't easy to get."

## History WILL Repeat Itself

No question about it, MLPA's 33rd Annual Meeting and convention is on the way and to date we have the largest registration, which could spell the biggest and best convention ever.

Co-chairmen Ray Buhs and Robert Trager have worked hard during the past year in putting together a successful meeting that includes both business and social events that are second to none, with speakers coming in from all over the country.

Our meeting starts on November 30, Wednesday, with a Board of Directors Meeting in the afternoon at 2:00 p.m. with a warm social hour scheduled for everyone to get acquainted at 6:00 p.m. Everyone is on their own for dinner with the balance of the evening free and open to visit hospitality rooms, and there'll be a record breaking number of these at this year's convention.

Thursday morning commences with the annual Fabick "Early Bird Breakfast" sponsored by the John Fabick Tractor Companies with Dale Arn, Harry Fabick, and Junior Fabick as Hosts and Hostess, followed immediately by MLPA's standing committee reports by our chairmen to the entire membership.

The associate members will be assembled in meeting at this same time (10:00 a.m.) for their annual membership meeting.

At 11:00 a.m. everyone reassembles, both producers and associates in order to hear Mr. Wayne Kanack, Manager of the Subdistrict Office at Rolla of MESA who will explain the new regulations and the more important aspects of the newly passed Federal Mine Safety and Health Act of 1977. The law will definitely affect both producers and associates, so we hope that everyone will be in attendance at this important meeting so that first hand information can be obtained.

A "Super" Ladies' Brunch will be one of the highlights of our ladies' program and will be served at 11:00 a.m. courtesy of the Dean Machinery Co. followed by an excellent address by Ed Fisher, Jr., who will talk to our ladies on "How to Save Your Spouse" — healthy, happy and maybe wealthy too? There'll be attendance prizes and an outstanding friendly atmosphere for all ladies present. The menu again will be more than outstanding.

Noon is the producers appreciation luncheon courtesy of the Cooke Sales and Service Company. Of course, associates are welcome with ticket. This is an annual affair and always well attended with good food and hospitality by Oscar Cooke and his employees second to none.

Business sessions reconvene at 1:00 p.m. with

few welcoming remarks by our President, Harold Morgans, and Ray Buhs, Co-Chairman of our convention committee, after which we will hear an outstanding speaker on physical fitness, Dr. Dean Miller an international authority on the subject who hails from Incline Village, Nebraska.

Incidentally, we have purposely not scheduled anything on the ladies' program this afternoon assuming that all would want to be present to hear what in our opinion will be one of the most outstanding addresses ever given at an MLPA function immediately following our coffee break.

At 3:00 p.m., Mr. Dino A. Bruigioni, senior staff official and aerial reconnaissance expert for the Central Intelligence Agency from Washington, D.C., will address our membership on the topic of "Evolution of Aerial Photographic Intelligence, with Special Emphasis on the Cuban Missile Crisis." Mr. Bruigioni will show a number of historic aerial photographs including those comprising the "hard evidence" on which President Kennedy based many of his decisions during the Cuban Missile Crisis of 1962. The availability of this information has only been recently cleared by the CIA and made available to the public and it is our understanding that we are the first association to ever have such an outstanding program by this agency, so it's simply another first for MLPA. Mr. Bruigioni is a close friend of Adolph Adrian, Honorary Member of MLPA, and our manager, and originally hailed from Jefferson City, Missouri. We are sure that you'll walk away from this presentation not only stunned at the honest explanation that will be given to you and at the same time knowing full well that the Central Intelligence Agency necessarily must exist in order to preserve peace throughout the world and keep the United States abreast of world current events.

### You Must Be There!

The evening opens with our annual dinner buffet which this year will be preceded by M.I.T.'s Rockin' Hour, Courtesy Missouri-Illinois Tractor & Equipment Co. hosted by several M.I.T. employees. Oh yes, dress this evening will be completely informal with bib overalls, blue jeans, plaid, denim, whatever your pleasure, but come dressed for the Ozark Hoedown. We'll have the Dennis Foster Trio playing country western and other dance music of your choice together with an outstanding barbecue for dinner.

Activities will be over no later than 9:30 p.m. and you'll be able once again to join our fine associates in their hospitality rooms for the evening thereafter.

Friday morning opens up again with our Eye-Opener Breakfast sponsored by Industrial Bearing and Transmission Co. with John Brown Host. This is a full breakfast, with eye openers to boot, so make



# MISSOURI LIMESTONE *Producers Association*

N. A. McDONALD, EXEC. MANAGER

124 EAST CAPITOL AVE.

GOVERNOR HOTEL

BOX 263

JEFFERSON CITY, MO. 65101

PHONE (314) 635-0208

*over  
yacht*

November 25, 1977

## MLPA BOARD OF DIRECTORS — 1977

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HAROLD MORGANS  
Morgans Material Inc.  
Buffalo, Mo.

Mr. John F. Blake  
Acting Deputy Director  
Central Intelligence Agency  
Washington, D. C. 20505

### VICE-PRESIDENT

R. STEVE HOLLAND  
Holland Quarries, Inc.  
Lenexa, Kansas

Dear Mr. Blake:

### SECRETARY-TREASURER

SAMUEL KRAUS, JR.  
Auxvasse Stone & Gravel Co.  
Auxvasse, Mo.

The pleasure of your having granted our request in permitting Mr. Dino A. Bruigioni to address our membership at our forthcoming annual meeting shall long be remembered.

### DIRECTORS

RAY BUHS  
Southeast Missouri Stone Co.  
Cape Girardeau, Mo.

Words, cannot really express our gratitude and appreciation for having granted our request in the first place, and permission for Mr. Bruigioni to speak to us in the second place.

JIM GREEN  
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You'll be pleased to know that we have made proper arrangements for Mr. Dino Bruigioni to give full course treatment on his proposed presentation to both of our local high schools. My request for a full general assembly of both schools to hear this outstanding address was welcomed with open arms, and you may be assured that Mr. Bruigioni will be completely "at work" the full time he is here in our great State of Missouri.

We are only hopeful, and I'm sure it will be this way, that his message will bring greater understanding of the Central Intelligence Agency and all the good work they have done, and hopefully, it will certainly play down any adverse comments the agency has received in the past several months, which in our opinion, have been completely unwarranted.

May I, on behalf of the entire membership of our organization and the citizens of our state, convey to you our warm thanks for having made it possible for Dino to be with us.

Thanking you, and hoping to make your acquaintance at some future date.



(EXECUTIVE REGISTRY FOR)  
*Years of Service and Progress*

*Public Affairs*

Mr. John F. Blake  
Page Two  
November 25, 1977

With warm regards and best wishes.

Sincerely,

MISSOURI LIMESTONE PRODUCERS ASSN.

*N.A. McDonald*  
N. A. McDonald *lylo*  
Executive Manager

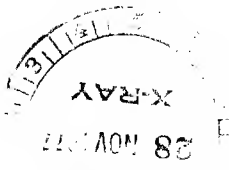
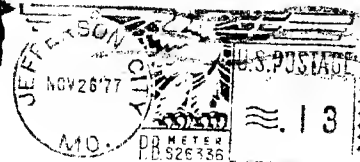
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**MISSOURI LIMESTONE**  
*Producers Association*

• BOX 263 • JEFFERSON CITY, MO. 65101.



Mr. John F. Blake  
Acting Deputy Director  
Central Intelligence Agency  
Washington, D. C. 20505

**EXECUTIVE SECRETARIAT**

**Routing Slip**

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Executive Secretary

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